Reply to Office Action of April 21, 2008

Docket No.: 1020.P16743 Examiner: Jain, Raj K.

TC/A.U. 2616

Amendments to the Abstract:

Please replace the Abstract with the following amended Abstract:

Various embodiments are described for adaptive puncturing techniques <u>involving an</u> <u>adaptive bit loading block to select a modulation scheme and a puncturing pattern for each of a plurality of subcarriers or subcarrier bands based on subcarrier channel state information.</u>